FIELD SANITATION TEAM CERTIFICATION COURSE

LESSON 8 - MANAGEMENT OF ARTHROPODS THROUGH INDIVIDUAL PMM

FSTCC0008-1

Lesson Objectives

- Identify the components of the DoD Arthropod Repellent System.
- Select, in order, the steps required to treat uniforms using the IDAA kit.
- Recognize the correct procedure to treat uniforms using the .5% aerosol can method.

Lesson Objectives

- Recognize the correct procedure to treat uniforms using the 2-gallon sprayer.
- Recognize the correct procedure to treat skin using DEET.
- Recognize proper wear of the uniform in the field setting.
- Identify the measures taken to protect “at risk” soldiers from arthropod-borne illness.

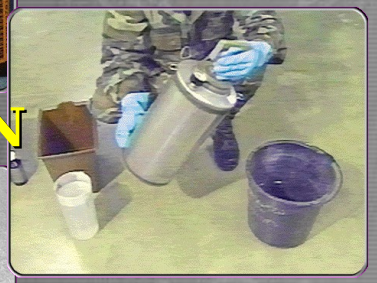
THE DOD ARTHROPOD REPELLENT SYSTEM

5% AEROSOL CAN

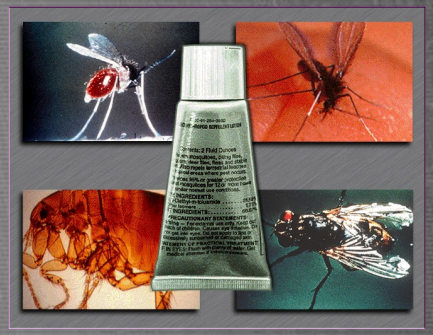
PERMETHRIN

IDAA KIT

2 GALLON SPRAYER



DEET



PROPER WEAR OF THE UNIFORM

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Permethrin on the Uniform

- You can apply permethrin to:
  - Your uniform
  - Tentage
  - Tent liners
  - Insect netting

IDAA Kit

- Individual Dynamic Absorption Application kit

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Treating the BDU Jacket - Step 1

PROCEDURE FOR TREATING BATTLE DRESS UNIFORM WITH INSECT/ARTHROPOD REPELLENT PROACTIE TREATMENT
BAG A. COAT
A
B
C
D
1. LAY COAT FLAT, FOLD SLEEVES ACROSS FRONT, FOLD SHOULDER TO SHOULDER AND ROLL TIGHTLY. TIE TIGHTLY WITH STRING.

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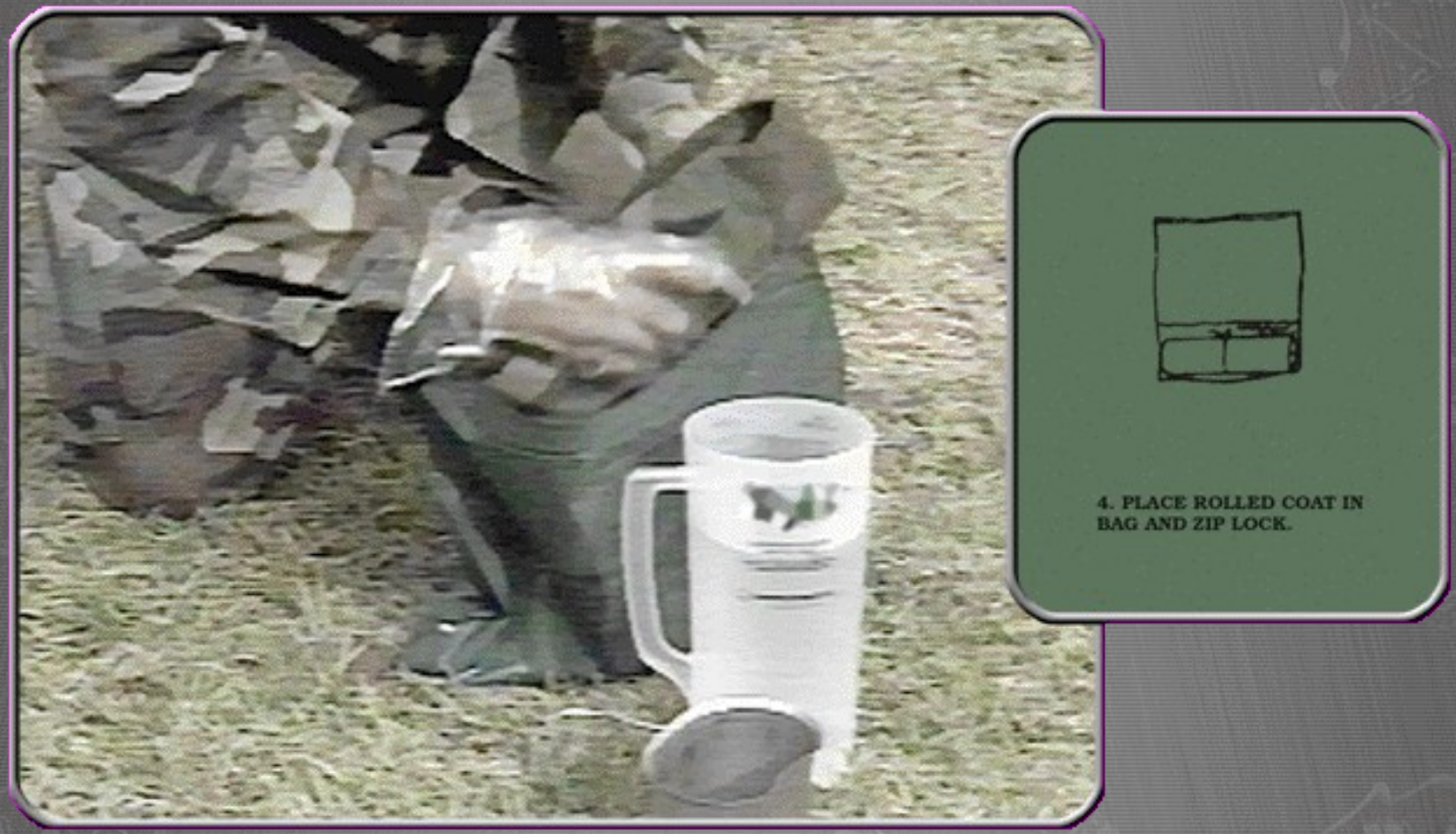
Treating the BDU Jacket - Step 2

2. POUR 3/4 FULL CANTEEN CUP OF CLEAR WATER INTO BAG.

Treating the BDU Jacket - Step 3

3. WHILE WEARING PROTECTIVE GLOVES, EMPTY CONTENTS OF ONE BOTTLE INTO BAG. DROP BOTTLE AND CAP INTO BAG. HOLD UPRIGHT AND GENTLY SHAKE 2 TIMES TO MIX.

Treating the BDU Jacket - Step 4



Treating the BDU Jacket - Step 5

Treating the BDU Trousers - Step 1

Treating the BDU Trousers - Step 2

Treating the BDU Trousers - Step 3

3. WHILE WEARING PROTECTIVE GLOVES, EMPTY CONTENTS OF ONE BOTTLE INTO BAG. DROP BOTTLE AND CAP INTO BAG. HOLD UPRIGHT AND GENTLY SHAKE 2 TIMES TO MIX.

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Treating the BDU Trousers - Step 4

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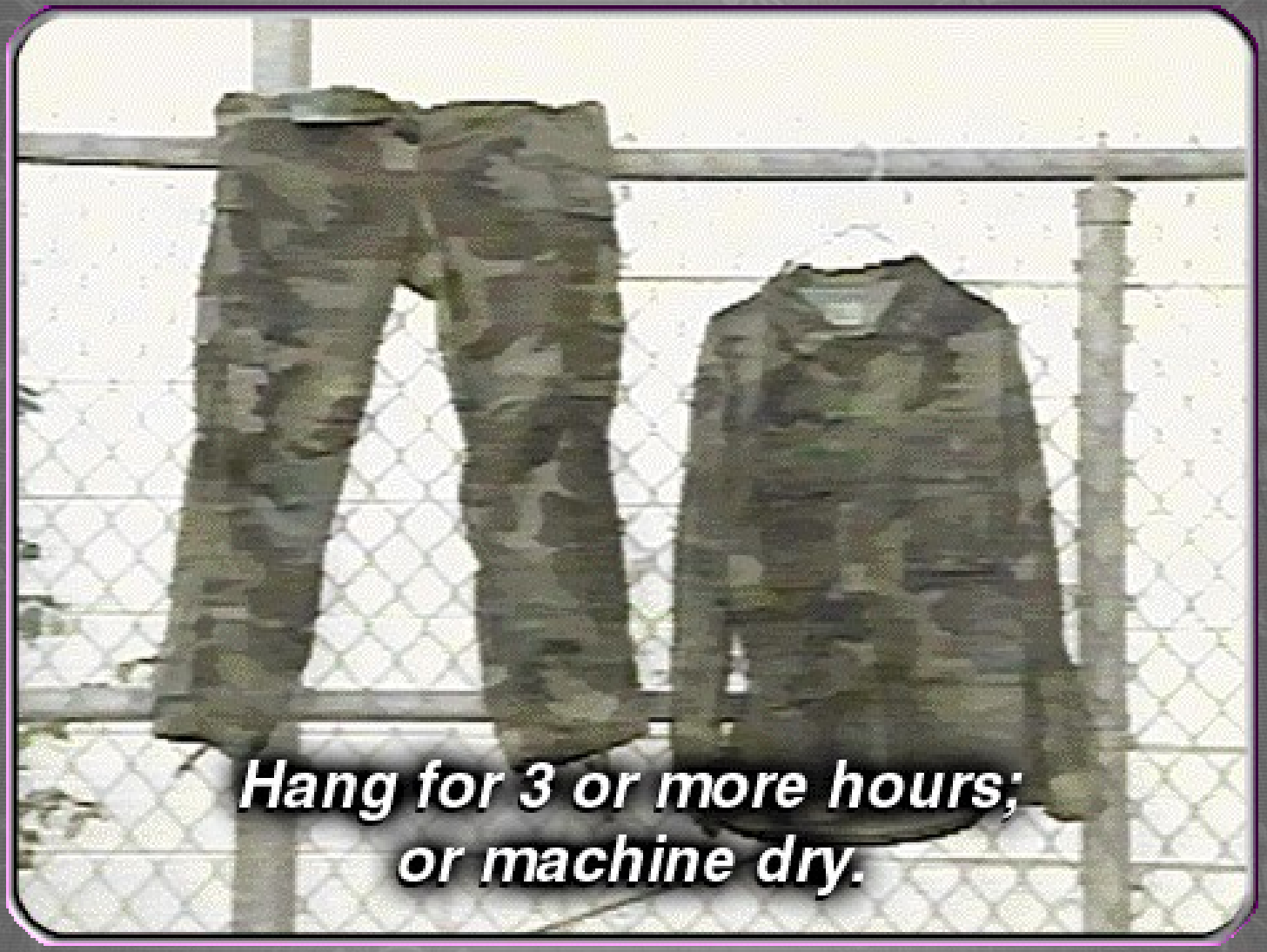
Treating the BDU Trousers - Step 5

Hang the Treated Uniform to Dry



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Mark the Dry Uniform

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.5% Aerosol Can Method

Reapply after six weeks or six launderings.

.5% Aerosol Can - Step 1

- Select a site outside protected from the wind.

.5% Aerosol Can - Step 2

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.5% Aerosol Can - Step 3

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Treating the Bed Net

.5% Aerosol Can - Step 4

2-gallon Sprayer Method

2-gallon Sprayer - Step 1

- Lay uniform flat and in a protected area.

2-gallon Sprayer - Step 2

- Put on safety equipment.
- Triple rinse the sprayer.

2-gallon Sprayer - Step 3

- Add 1 gallon of clean water.
- Empty pesticide container into tank.
- Add 1 more gallon water.

2-gallon Sprayer - Step 4

- *Close the sprayer and agitate.*
- *Pressurize sprayer.*

2-gallon Sprayer - Step 5

- Spray uniform using fan nozzle.

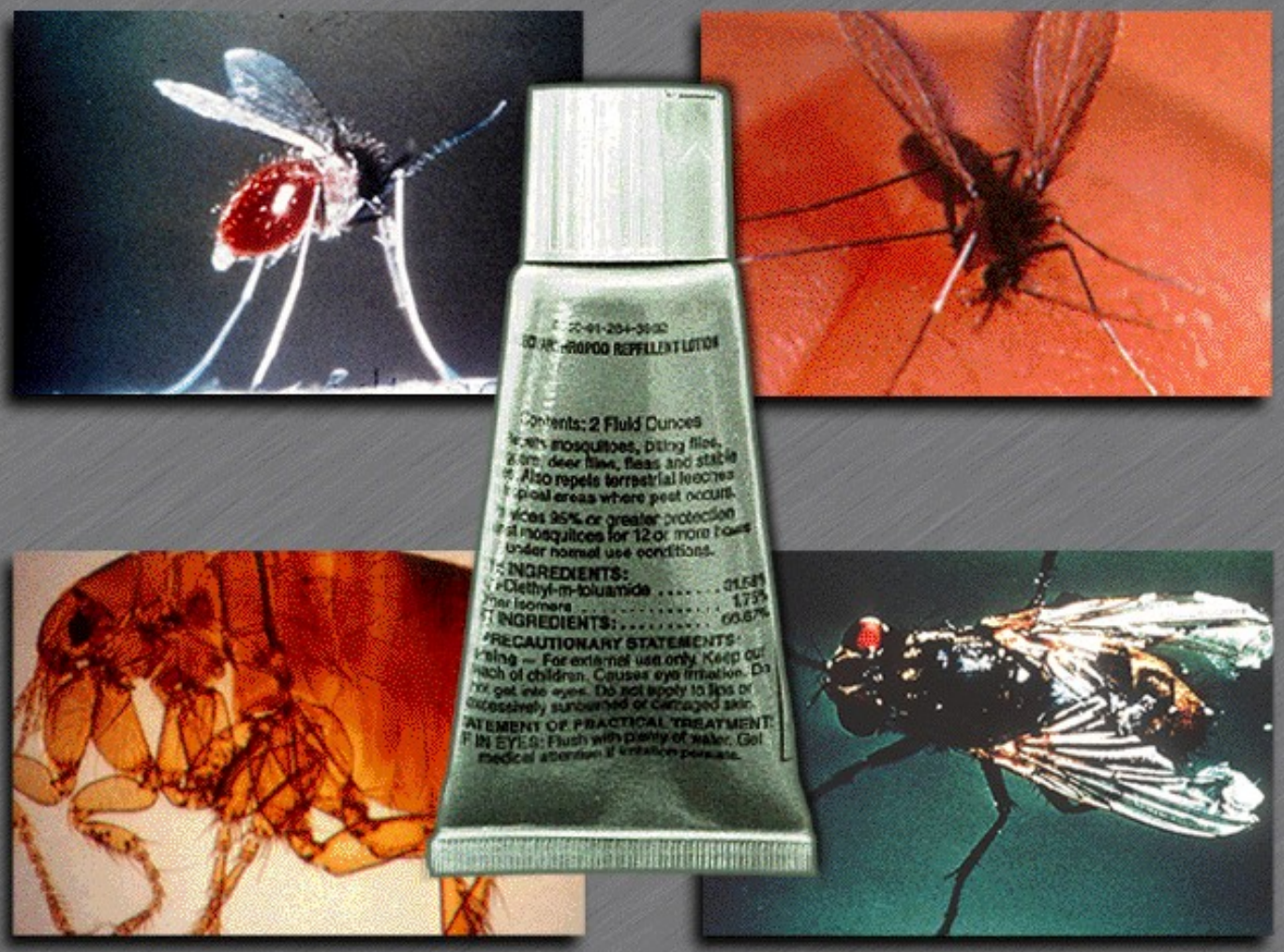
2-gallon Sprayer - Step 6

- Hang uniform in shade to dry.

Treating Bed Nets and Tentage

- Retreat every 9 months in moderate climates
- Retreat every 6 months in tropical climates

DEET on the Skin



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Applying DEET to the Skin - Step 1

Applying DEET to the Skin - Step 2

- Be sure to cover ALL exposed skin and 2 or 3 inches below hem lines.
- Avoid eyes and other sensitive areas.

Applying DEET to the Skin - Step 3

- Wash hands thoroughly after application.

Proper Wear of the BDU

- What is acceptable in the field may differ greatly from what is acceptable in garrison.

BDU Jacket

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BDU T-shirt

FSTCC0008-39

Special Procedures

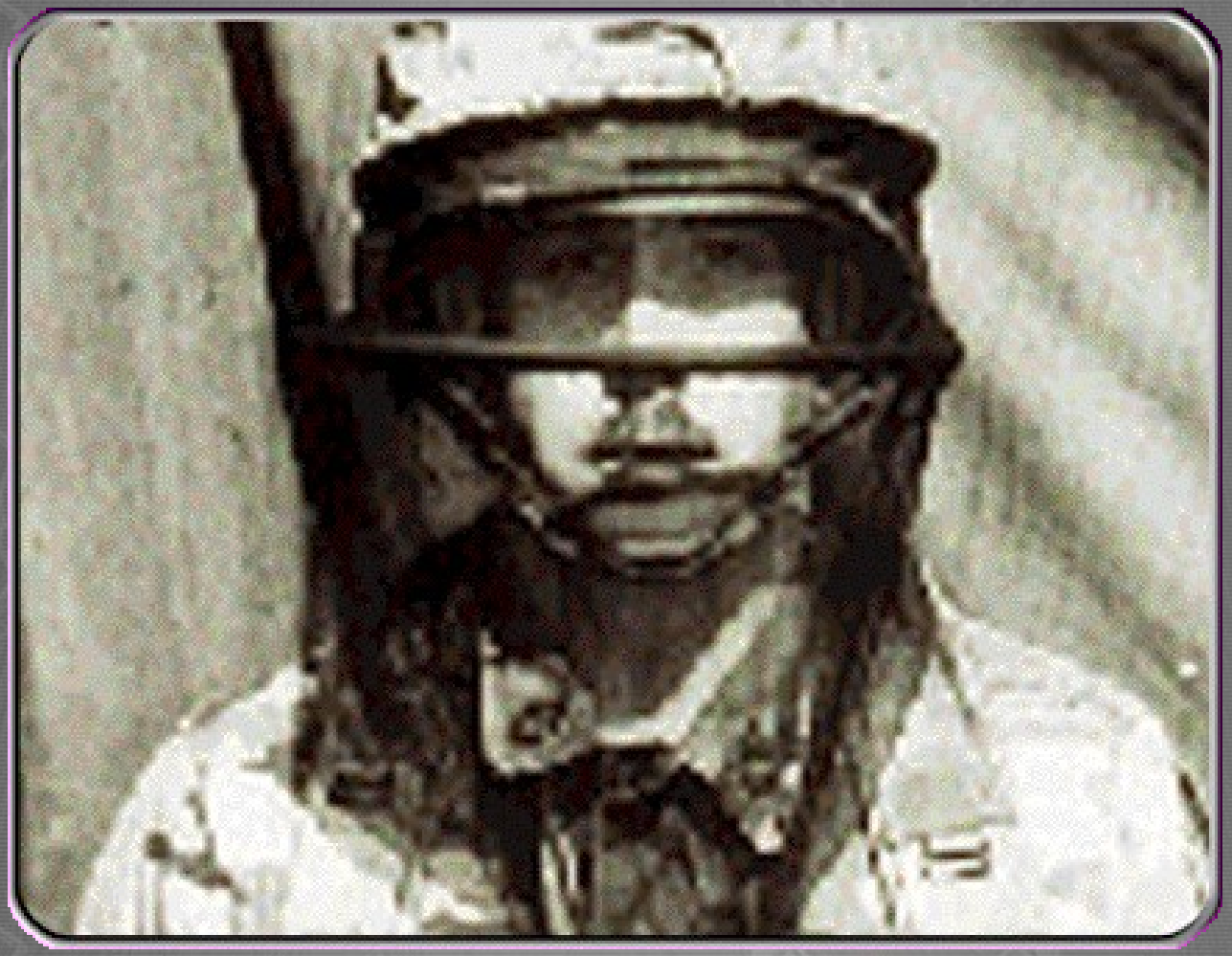
- Consider applying a thin layer of DEET to your abdomen to protect yourself from insects.

BDU Trousers

Overall Fit of the BDU

- The BDU should NOT be:
  - Tightly fitted.
  - Starched.

Head Nets



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Protecting Soldiers 'At Risk'

- **REMEMBER:**
  - The BDU is designed to protect you. When you are not wearing it, you are at higher risk for arthropod-borne illness.

Screen-in Billets

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Use Bed Nets

Apply DEET

Avoid Insect Habitats

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SUMMARY